



ERIK PALLISTER

Marine Geologist

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SUMMARY OF QUALIFICATIONS

- Proficient with the following software: SonarWeb/SonarWizMap (Chesapeake Technology), Kingdom Suite (Seismic Micro Technology), Land Desktop and Raster Design (AutoCAD), Global Mapper, Surfer, Adobe Creative Suite, Ultra Edit, RadEx Pro, Microsoft Office Suite and GMT Utilities Suite.
 - Can produce quality geophysical survey and desktop study reports for marine geohazard applications.
 - Can interpret and analyze high-resolution geophysical and geotechnical data – including 2D seismic, side scan sonar, shallow penetration acoustic systems (e.g. subbottom profiler and single-beam echosounder), medium penetration systems (boomer/sparker), magnetometer, navigation and multibeam swath bathymetry – for the purpose of sonar mosaic construction and interpretation, geophysical data integration, geologic hazard identification, and (sub)seafloor target acquisition.
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EXPERIENCE

2012-Present: Geologist, Geo-marine Technology, Inc.

Duties include: High quality data analysis and preparation for geophysical survey reports; using state-of-the-art software including Kingdom Suite, Sonar Wiz, Surfer, Global Mapper, Autocad, and RadEx Pro; interpretation of hydrographic and 2D seismic survey data for hazard analysis and route investigation; providing tables and charts of geologic interpretation for final reports; provide shipboard hydrographic and 2D seismic survey support.

2011: Research Assistant III Department of Immunology and Infectious Diseases, Montana State University

Duties include: Obtaining human venous blood, Preparing methicillin-resistant *S. aureus* (MRSA) cultures for studies, and using MRSA in daily experiments; using human blood (obtained through venipuncture) to isolate PMN's (polymorphonuclear neutrophil), infecting mice with MRSA strains and observing abscesses from euthanized mice for analysis; general lab maintenance and cleaning; disposal of biohazards; stocking lab materials; trained in venipuncture.

2006-2011: Boat Captain Gulf of Alaska Keeper (www.goak.org)

Duties include: seasonal boat captain responsibilities for a non-profit environmental organization that focuses on environmental restoration with an emphasis on marine-debris clean-up in the Gulf of Alaska and Prince William Sound. Responsible for 55-foot crew boat including safe anchoring, daily clean-up, boat maintenance and engineering repairs, data collection for ongoing field studies funded by NOAA and NMFS.

EDUCATION

2006: Bachelor of Science, Geology, Montana State University College of Letters and Science.

As part of geology program at Montana State University, I participated in a two-month geology field camp as part of the undergraduate degree program at MSU.

REFERENCES

John Rietman
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